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File: JPAB

Sep 22, 1984

PUB-NO: JP359168906A  
DOCUMENT-IDENTIFIER: JP 59168906 A  
TITLE: MAGNETIC DISK DEVICE

PUBN-DATE: September 22, 1984

## INVENTOR-INFORMATION:

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RECEIVED

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APPL-NO: JP58044787

APPL-DATE: March 17, 1983

INT-CL (IPC): G11B 5/02; G11B 5/60; G11B 17/32; G11B 21/16

## ABSTRACT:

PURPOSE: To obtain a recording and reproducing system circuit having a stable characteristic by constituting directly a circuit of a recording and reproducing system, on an arm.

CONSTITUTION: A magnetic head 16 is held by an arm 14, and the other end of the arm 14 is fixed to a carriage 13 by a connector 11. Electronic parts 12 such as an integrated circuit chip are attached onto the arm 14 by using the body of the arm 14 as a substrate, and a recording and reproducing circuit is formed instead of a recording and reproducing system circuit 6. A circuit pattern formed on the arm 14 by a thin film having a high conductivity is led to the connector 11 for coupling the arm 14 and the carriage 13, and an input and an output of a signal are executed. The connector 11 inputs and outputs a signal, and also executes a mechanical function for fixing the arm 14 to the carriage 13.

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